

# AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

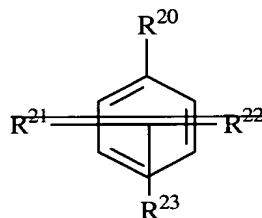
## Listing of Claims:

1-9 (Canceled)

10. (Currently amended) A liquid cleaning composition comprising:

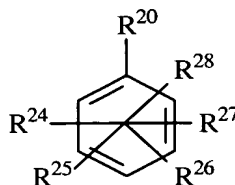
- a) from 0.1% to 20% by weight, of an oxidising agent; and
- b) from 0.001% to 10% by weight, of a radical scavenger, said scavenger selected from the group consisting of:

(i)



wherein  $R^{20}$  is the moiety  $\text{COOM}$  or  $\text{SO}_3\text{M}$ , wherein M is hydrogen or a metal;  $R^{21}$  and  $R^{22}$  are each independently hydrogen,  $\text{C}_1\text{-C}_{10}$  linear or branched alkyl,  $\text{OR}'$  wherein  $\text{R}'$  is  $\text{C}_1\text{-C}_{20}$  linear or branched alkyl,  $\text{COOM}$ ,  $\text{SO}_3\text{M}$ ,  $\text{Cl}$ ,  $\text{Br}$ ,  $\text{NO}_2$ , and mixtures thereof;  $R^{23}$  is  $\text{OR}'$  wherein  $\text{R}'$  is  $\text{C}_1\text{-C}_{20}$  linear or branched alkyl;

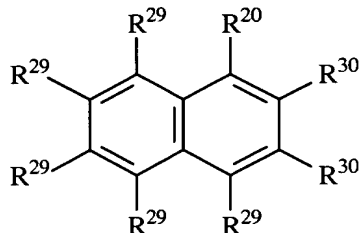
(i[[i]])



wherein  $R^{20}$  is the moiety  $\text{COOM}$  or  $\text{SO}_3\text{M}$ , wherein M is hydrogen or a metal;  $R^{24}$ ,  $R^{25}$ ,  $R^{26}$ , and  $R^{27}$  are each independently  $\text{C}_1\text{-C}_{10}$  linear or branched alkyl,  $\text{OR}'$  wherein  $\text{R}'$  is  $\text{C}_1\text{-C}_{20}$  linear or branched alkyl,  $\text{COOM}$ ,  $\text{SO}_3\text{M}$ ,  $\text{Cl}$ ,  $\text{Br}$ ,  $\text{NO}_2$ , and mixtures thereof;  $R^{28}$  is hydrogen,

C<sub>1</sub>-C<sub>10</sub> linear or branched alkyl, -OR' wherein R' is C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl, -COOM, -SO<sub>3</sub>M, -Cl, -Br, -NO<sub>2</sub>, and mixtures thereof;

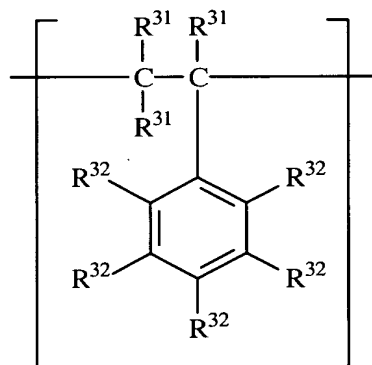
(ii[[i]])



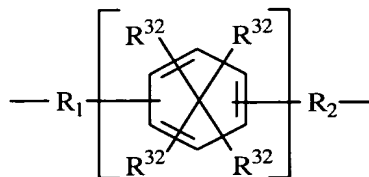
wherein R<sup>20</sup> is the moiety -COOM or -SO<sub>3</sub>M, wherein M is hydrogen or a metal; each R<sup>29</sup> is independently C<sub>1</sub>-C<sub>10</sub> linear or branched alkyl, -OR' wherein R' is C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl, -COOM, -SO<sub>3</sub>M, -Cl, -Br, -NO<sub>2</sub>, and mixtures thereof; each R<sup>30</sup> is independently hydrogen, C<sub>1</sub>-C<sub>10</sub> linear or branched alkyl, -OR' wherein R' is C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl, -COOM, -SO<sub>3</sub>M, -Cl, -Br, -NO<sub>2</sub>, and mixtures thereof;

([[iv]]iii) homopolymers or copolymers comprising units having the formula:

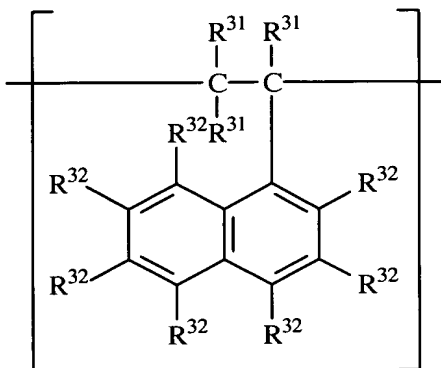
a)



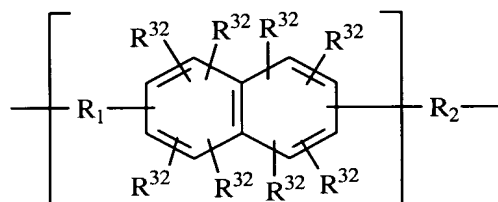
b)



c)



d)



wherein  $R^{31}$  is the moiety hydrogen,  $C_1$ - $C_{10}$  linear or branched alkyl,  $-OR'$  wherein  $R'$  is  $C_1$ - $C_{20}$  linear or branched alkyl,  $-OH$ ,  $-COOM$ ,  $-SO_3M$ ,  $-Cl$ ,  $-Br$ ,  $-NO_2$ , and mixtures thereof; wherein  $M$  is hydrogen or a metal; each  $R^{32}$  is independently hydrogen,  $C_1$ - $C_{10}$  linear or branched alkyl,  $-OR'$  wherein  $R'$  is  $C_1$ - $C_{20}$  linear or branched alkyl,  $-COOM$ ,  $-SO_3M$ ,  $-Cl$ ,  $-Br$ ,  $-NO_2$ , and mixtures thereof;  $R_1$  and  $R_2$  are each independently selected from  $-C(R^{31})_2-$ ,  $-CO-$ ,  $-C(O)O-$ ,  $-C(O)NH-$ ,  $-O-$ ,  $-N^+(R^{31})_2-$ ;

(iv) and mixtures thereof.

11. (Previously presented) A composition according to Claim 10 comprising from 0.25% to 8% by weight, of said oxidising agent.
12. (Previously presented) A composition according to Claim 11 comprising from 0.5% to 6% by weight, of said oxidising agent.
13. (Previously presented) A composition according to Claim 10 comprising from 0.01% to 8% by weight, of said scavenger.
14. (Previously presented) A composition according to Claim 13 comprising from 0.1% to 6% by weight, of said scavenger.

15. (Previously presented) A composition according to Claim 10 comprising from 0.2% to 4% by weight, of said scavenger.
16. (Previously presented) A composition according to Claim 10 wherein said oxidising agent is a source of hydrogen peroxide selected from the group consisting of percarbonates, persilicates, persulphates, perborates, peroxyacids, and mixtures thereof.
17. (Previously presented) A composition according to Claim 16 wherein said peroxyacid is diperoxydodecandioic acid, perphthalic acid, perlauric acid, perbenzoic acid, alkylperbenzoic acid, or mixtures thereof.
18. (Previously presented) A composition according to Claim 10 wherein said oxidising agent is hydrogen peroxide.
19. (Previously presented) A composition according to Claim 10 wherein said radical scavenger is selected from the group consisting of 2,3,4,5 tetramethoxy benzoic acid; 2,3,4,5,6- pentamethoxy benzoic acid; polystyrene; polystyrene sulfonate, styrene: maleic acid copolymer; styrene: acrylic acid copolymer; styrene: ethylene glycol graft polymer; poly(ethyleneglycol) di-toluene sulfonate; poly -hydroxy benzoic acid; polyhydroxy styrene; poly methyl styrene; polystyrene divinyl benzene; poly vinyl phenol; and mixtures thereof.
20. (Previously presented) A composition according to Claim 10 further comprising from 60% to 98% weight, of water.
21. (Previously presented) A composition according to Claim 20 comprising from 80% to 97% weight, of water.
22. (Previously presented) A composition according to Claim 21 comprising from 85% to 97% weight, of water.
23. (Previously presented) A composition according to Claim 10 further comprising from 0.1% to 50% by weight, of a surfactant.
24. (Previously presented) A composition according to Claim 10 further comprising from 0.001% to 1% of an optical brightener.
25. (Currently amended) A liquid cleaning composition comprising:

- a) from 0.1% to 20% by weight, of an oxidising agent; and
  - b) from 0.001% to 10% by weight, of a radical scavenger, said radical scavenger is selected from the group consisting of 2,3,4,5 tetramethoxy benzoic acid; 2,3,4,5,6- pentamethoxy benzoic acid; polystyrene; polystyrene sulfonate, styrene: maleic acid copolymer; styrene: acrylic acid copolymer; styrene: ethylene glycol graft polymer; poly(ethyleneglycol) di-toluene sulfonate; poly hydroxy benzoic acid; polyhydroxy styrene; poly methyl styrene; polystyrene divinyl benzene; poly vinyl phenol; and mixtures thereof.
26. (Previously presented) A composition according to Claim 25 wherein said oxidising agent is a source of hydrogen peroxide selected from the group consisting of percarbonates, persilicates, persulphates, perborates, peroxyacids, and mixtures thereof.
27. (Previously presented) A composition according to Claim 10 wherein said oxidising agent is hydrogen peroxide.
28. (Currently amended) A liquid cleaning composition comprising:
- a) from 0.1% to 20% by weight, of hydrogen peroxide;
  - b) from 0.001% to 10% by weight, of a radical scavenger, said radical scavenger is selected from the group consisting of 2,3,4,5 tetramethoxy benzoic acid; 2,3,4,5,6- pentamethoxy benzoic acid; polystyrene; polystyrene sulfonate, styrene: maleic acid copolymer; styrene: acrylic acid copolymer; styrene: ethylene glycol graft polymer; poly(ethyleneglycol) di-toluene sulfonate; poly hydroxy benzoic acid; polyhydroxy styrene; poly methyl styrene; polystyrene divinyl benzene; poly vinyl phenol; and mixtures thereof; and
  - c) the balance water.
29. (Previously presented) A method for cleaning hard surfaces comprising the step of contacting a surface with a liquid cleaning composition according to Claim 1.